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23/01/2019

Hosted by Martin Bailey

Digital Enrichment Leader, Lancaster EP Primary School

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23/01/2019 | 10:15–10:45

Learning to code when blind – inclusivity through Project Torino

SPONSORED BY: Microsoft
SPEAKERS: Cecily Morrison, Human Experiences and Design Researcher, Microsoft Research. Craig Meador, President, American Printing House for the Blind.

Blind and low vision learners cannot currently access the tools used to teach coding to young learners in schools. Project Torino was born out of Microsoft Research and Researcher Cecily Morrison's own experience helping her son, who is blind, learn to code along-side his sighted peers. The project is a physical programming language for learning coding and computational skills for children ages 7 – 11 regardless of level of vision. Attending this session, parents, educators and students can learn more about the opportunities of physical programming to enable inclusive coding education, how physical programming is a powerful tool for all young learners, as well as how to bring Project Torino to their school or community.

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23/01/2019 | 11:00–11:30

Press play on the future of education - learning through media

THEMES: 21 Century Skills/ Teaching Tech/ Pedagogy
SPONSORED BY: Accelerate Learning STEMscopes Powered by CNN
SPEAKERS: Kylie Howard, International Project Manager, Accelerate Learning STEMscopes. Omar Said, Student Ambassador and E-Learning Analyst, The University of Edinburgh.

There are evident flaws of traditional teaching given the pressures of standardisation, which create swiss cheese gaps of knowledge. We often get lost in the rules and fail to guide students to the true purpose of learning. Through media, we can show them why what they are learning is important and how it connects to the world around them. You will hear the perspectives of a university student who works with CNN and education companies and a former teacher and current curriculum development expert who develops widely used e-learning products that incorporate media. You will be introduced to research supporting the use of media and real-world connections to engage and inspire the children of the digital era. We explain how to change the way we teach in order to develop the minds of our future scientists, innovators, and world leaders.

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23/01/2019 | 11:45–12:15

A day in the life of a digitally enabled child

SPONSORED BY: Microsoft
SPEAKERS: Jonathan Bishop, Chief Executive Officer and Executive Headteacher, Cornerstone Academy Trust

The talk will exemplify, with video, rich media and live interviews, how the Microsoft Surface, with Office365 and Windows 10, enabled a year 6 girl, Lucy, not only to engage and manage her school work, both in and out of class, but also to forge the grit, resilience, self-direction and collaborative skills that pupils need to develop in preparation for the 21st century jobs market.

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23/01/2019 | 12:30–13:00

Sparking 21st Century Learning In Your Classroom

SPONSORED BY: Microsoft
SPEAKERS: Michelle Zimmerman, Educator and Leadership Team Member at Renton Prep, Renton Prep

Educators are well aware of the responsibility to prepare today's students for an uncertain future. Cultivating transferable skills, such as communication, creativity, and critical thinking are essential for future success in school, work, and life. Follow Dr. Michelle Zimmerman's journey on creating a 21st century classroom at her school. Hear how she enhanced communication and creativity in her classroom with Office 365, from everyday logistics, to re-imagining the traditional art museum field trip, to enhancing student voice!

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23/01/2019 | 13:15–13:45

Embracing diversity with education technology

THEMES: 21 Century Skills/ Teaching Tech/ Pedagogy
SPONSORED BY: i3-Technologies
SPEAKERS: Olivier Dijkmans, Primary School Teacher, Omnimundo School

With enthusiasm and empathy, Olivier Dijkmans, a primary school teacher from Belgium, has been able to trigger the passion of his class of children from 23 different nationalities through innovation and creativity. He started with a simple interactive whiteboard, and step by step he introduced new technologies and learning methods that have inspired the minds of his students and improved the overall teaching and learning process. In this session, Olivier will share his experience and explain in a hands-on way, how a school can use a variety of technologies, such as VR or 3D content, in an everyday context. He will delve deeper into how teachers and leaders can pick out the elements that add value to their lessons and stimulate deeper learning, while discussing his personal journey of how to develop exciting lesson content in the context of diversity.

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23/01/2019 | 14:00–14:30

Effective admissions: challenges, opportunities and resources

THEMES: Institute Tech
SPONSORED BY: WCBS
SPEAKERS: Emily Richards, School Marketing & Research Specialist, The Stickman Consultancy. Mark Maybury, Academic Product Manager, WCBS.

Join us as we explore the admissions challenges facing independent and international schools; recognising the demand on admissions staff; the tools available to support them; how to engage and forge relationships with parents and ways to improve student recruitment and retention. Key points discussed in this session:
• Importance of admissions data and its role in successful school marketing
• How to stand out in the market: parental buy-in and your school brand
• Why accessibility, communication and engagement are paramount
• Tools and resources to support the demand on admissions staff
• Why optimising admissions is crucial and how to do this.

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23/01/2019 | 14:45–15:15

Introducing blended learning experiences to core subjects in classrooms

THEMES: 21 Century Skills/ Pedagogy
SPONSORED BY: Alef Education
SPEAKERS: Dr. David Porcaro, Director of Education, Alef Education

Throughout the world, many public schools still rely heavily on text-based core curriculum. Introducing blended learning experiences in core subjects presents many opportunities over traditional print-heavy classrooms. These opportunities include more up-to-date, interactive, and engaging content, data capture at the task level that is connected across the curriculum, more standardized instruction delivery, and improvement of teacher and student technology skills. Such a digital transformation also faces a number of challenges. These include ensuring high quality technology infrastructure and support exist, supporting teachers move away from traditional direct instruction methods, and balancing innovative content with approving bodies' cultural and curricular requirements. We'll demonstrate from a case study of Alef Education's implementation of a K12 blended learning experience in a pilot school in Abu Dhabi some ways of overcoming those challenges and increase student achievement, ICT capacity, personalized instruction, and real-life application.

23/01/2019 | 15:30–16:00

Using technology to drive cross-collaboration and support better student outcomes

THEMES: Pedagogy/ Institute Tech/ Strategy
SPONSORED BY: Microsoft
SPEAKERS: Tom Rees, Education Director, Northampton Primary Academy Trust

Join this session to find out how Northampton Primary Academy Trust (NPAT), a collaboration of eleven primary schools managing 4200 children, has been using technology to drive success. Discover how they are driving cross-collaboration between teachers, governors and students, and discover how they are utilising predictive analytics tools through data and machine learning to understand effectiveness and support better student outcomes by being more predictive and prescriptive.

23/01/2019 | 16:15–16:45

Visual communication in action!

THEMES: 21 Century Skills/ Pedagogy
SPONSORED BY: Adobe
SPEAKERS: Ben Forta, Senior Director of Education Initiatives, Adobe. Ted Fox Joyce, Head of Visual Arts, Langley Park School for Girls.

At Bett 2018, Adobe announced the launch of Adobe Spark for Education, a completely free tool available to institutions across the world that enables easy, beautiful visual storytelling. Today, millions of teachers and students worldwide use Spark for Education to create amazing posters, web pages, and videos, and to develop their visual communication skills. In this session, you'll experience the value of Spark for Education first hand from Ben Forta, who spends his time travelling around the world helping students and teachers bring visual communication to the classroom. You'll also learn from Ted Fox Joyce from Langley Park School for Girls on the school's strategy for building better communication at the school,Äïacross faculty, the student body, and with parents and guardians,Äïthe role digital and Adobe Spark plays in the success of their approach, and steps you can take to bring your school along a visual communication journey.

23/01/2019 | 17:00–17:30

Powering Up School Improvement using PowerBi

SPONSORED BY: Microsoft
SPEAKERS: Jen Devaney, Trust Primary Lead for Assessment and Mathematics, Shireland Collegiate Academy Trust. Kirsty Tonks, Principal and Primary Director, Shireland Technology Primary Schools. Sir Mark Grundy, CEO, Shireland Collegiate Academy Trust Team.

How can you use data analysis to make a Trust more cohesive and more effective? Shireland Collegiate Academy Trust is using Office365 as a means to encourage greater collaboration and innovation, particularly its integration of PowerBi to surface data at different levels across the Trust.

This has transformed how the Trust and schools are operating by reducing workload, allowing for more just-in-time interventions, more focused conversations and better informed decisions. In this session we will share with you some of the ways we have used Microsoft Tools to continue to drive school improvement.

24/01/2019

Today's sessions are hosted by Dave Smith and Amanda Jackson

Havering School Improvement Services - UK

24/01/2019 | 10:15–10:45

Evolving technologies for the scientists of the future

THEMES: 21 Century Skills/ Inspiration
SPONSORED BY: Dell Technologies
SPEAKERS: Claire Vyvyan, Senior Vice President - UKI Commercial Business, Dell EMC. Nathan Good, Lead Product Manager, Digital Media and Marketing, Natural History Museum.

Dell Technologies' values, as detailed in our Legacy of Good 2020 Plan, are based on the belief that IT should drive human progress. Working with the Natural History Museum, Microsoft and Intel to create innovative technologies and apps, we are helping to inspire the scientists of tomorrow, by empowering children to engage with the nature on their doorstep and encouraging them to explore the world around them, through the power of digital technology. Learning evolves and expands, beyond the classroom's walls, for an immersive, more interactive, anytime and anywhere experience.

24/01/2019 | 11:00–11:30

How physical computing better addresses real world challenges

SPONSORED BY: Microsoft
SPEAKERS: Joe Finney, Senior Lecturer, Lancaster University. Steve Hodges, Principal Researcher, Microsoft Research. Sue Sentance, Chief Learning Officer, Raspberry Pi Foundation.

Policymakers and educators around the globe acknowledge the importance of computer science education. Traditional teaching tools and methodologies, though, do not necessarily address the needs of a diverse, global student population or the latest developments in modern programming and data science. Combining software and hardware to build interactive physical systems that sense and respond to the real world has been shown to result in broad engagement across a spectrum of users. The speakers will explain how educators and school leaders can incorporate more physical computing devices in their Computational Thinking curriculum and create activities that use tools such as MakeCode (the learn-to-code platform for the micro:bit) Circuit Playground Express, Minecraft, and LEGO.

24/01/2019 | 11:45–12:15

Supporting your students with BBC Bitesize and BBC Teach

THEMES: Pedagogy
SPONSORED BY: BBC Learning
SPEAKERS: Andrew Tomlinson, Executive Producer - BBC Teach, BBC Learning. Matthew Burton, Headteacher, Thornhill Community Academy.

BBC Bitesize is the most popular dedicated education site for students in the UK and has supported their curriculum needs for 20 years – find out how your students can get help with homework, revision and learning from their first day of primary school right through to taking exams and planning a career. Hosted by Educating Yorkshire's Mr Burton, this session will also be an opportunity for teachers to hear about BBC Teach, the new home to the BBC's free curriculum-linked teaching resources for use in the classroom.

24/01/2019 | 12:30–13:00

Music memory and mobile phones

THEMES: Inspiration/ Teaching Tech
SPONSORED BY: Studytracks
SPEAKERS: Carmel Bones, Author, CPD Provider, and Teacher trainer. George Hammond-Hagan, Founder CEO, Studytracks. Laura Ferreri, Postdoctoral Researcher and Associate Professor, Barcelona University.

Music has a profound effect on our ability to remember and recall information - but why is this and how can this be harnessed to impact learning outcomes in and out of the classroom. This session will explore the science behind how and why songs get stuck in your head and how you can use this to drive engagement and achievement.

24/01/2019 | 13:15–13:45

Effective STEM learning through playful hands-on resources

THEMES: 21 Century Skills/ Teaching Tech/ Pedagogy
SPONSORED BY: LEGO Education
SPEAKERS: Chris Wilde, Head of Digital Technology & Computing, Royal Grammer School in Newcastle. Maria Gkountouma, English Language and ICT teacher and trainee at the European Commission, European Commission.

Hands-on learning is how ideas and concepts reach children's minds best. This belief is shared by many teachers from countries around the world who intentionally use technologies such as LEGO bricks to enhance learning in their day-to-day teaching. In this session, drawing on their own classroom experience, Chris Wilde from the UK and Maria Kouklatzidou from Greece will describe how they use technologies to engage children in playful, hands-on learning, and help them develop the creative capacities that they will need to thrive in the future. The audience will have the opportunity to ask questions about how these educators are helping their students become 21st century thinkers, leaders and change-makers by recognizing the value of hands-on learning combined with core technology skills such as coding and engineering.

24/01/2019 | 14:00–14:30

A Personalised Learning Initiative to Improve the Educational Experience

THEMES: Teaching Tech/ Strategy
SPONSORED BY: Microsoft
SPEAKERS: Philip Neufeld, Ed. D., Executive Officer of Information Technology, Fresno Unified School, California

Come hear how Fresno Unified School District (California) used Microsoft technology to implement a Personalised Learning Initiative that is helping students guide their own learning, so they can reach their full potential. With tools like Microsoft Office 365 and Microsoft Teams, the district encourages collaboration and helps both teachers and students find their own voice in the classroom, producing a meaningful and engaging educational experience. This case can serve as a blueprint for other schools considering the same transformation and needing tools specifically for collaboration and personalised learning.

24/01/2019 | 14:45–15:15

It's all about the apps – improving student experience

THEMES: Institute Tech/ Strategy
SPONSORED BY: Cisco Meraki
SPEAKERS: Rory Steel, Director of Services, CTO & DPO, Beaulieu Convent School. Simon Tompson, Meraki Product Marketing Lead, Cisco Meraki.

Now that Wi-Fi is dominant in schools and workplaces, and applications continue their migration to the cloud, it's more vital than ever that the IT team has the tools to enable them to establish and maintain a great end user experience. Students and employees expect their IT to 'just work', from anywhere and however they choose to connect. It then falls to the IT team to ensure that every hop, from cloud-hosted server to Wi-Fi connected device, works in harmony. In this session, we'll dive into the trends that have been driving IT teams, and the new generation of tools that can help deliver a great experience. We'll hear from the IT lead from a technology-forward school about how they are using these tools and share some best practices on how to provide the perfect technology foundation for learning environments. Attend our conference and get a FREE Meraki Access point!

24/01/2019 | 15:30–16:00

Coding in cross-curricular lessons

THEMES: 21 Century Skills/ Teaching Tech/ Pedagogy
SPONSORED BY: Albion Computers PLC
SPEAKERS: Michael O' Kane, School Principal, St. Peter's & St. Paul's Primary School Foreglen

Michael will share how teachers can use Swift Playgrounds, a free app on iPad to integrate coding into various subject areas. Attendees will obtain an insight into how the Swift programming language can be used to program connected devices such as Spheros in Mathematics, Art and Music lessons. Attendees will also see how Swift Playgrounds can be used to create cross-curricular projects applying the same techniques that app developers use.

24/01/2019 | 16:15–16:45

Exercising the mind: interactive gym for the 21st century

THEMES: 21 Century Skills/ Inspiration
SPONSORED BY: Lü – Interactive Playground
SPEAKERS: Dr. Searetha Smith-Collins, Chief Education Officer, Lü – Interactive Playground. Vincent Routhier, CEO, Lü – Interactive Playground.

How can we encourage academic learning and physical activity, and limit sedentary activity among children, particularly in the school environment? This session will explore approaches that show promise in promoting and increasing physical activity linked to student academic performance. Join us as we ignite teaching and learning by turning the school gym into a giant, magical, immersive, interactive playground, where students are engaged in simultaneous integrated academic content and physical activity. This re-invented gym for schools of the 21st century will strengthen student academic and physical education outcomes, attitudes, and behaviors, while sparking enjoyment at the same time!

25/01/2019

Todays sessions are hosted by Lewis Bronze

Founder Espresso Education and former Editor, Blue Peter,

25/01/2019 | 10:15–10:45

Making Maths Count: Challenging perceptions to improve life chances

THEMES: 21 Century Skills/ Pedagogy
SPONSORED BY: Sparx
SPEAKERS: Dan Sandu, CEO, Sparx. Tim Rutherford, Headteacher, West Exe School.

Hear the inspirational story of how Sparx and Ted Wragg Trust are breaking new ground by tackling the perennial problem that poor numeracy skills continue to have on society and industry alike. Packed full of deep insights and supporting data, the talk will paint a compelling picture of the impact that a unique new approach is having on transforming teaching and learning, supporting teacher wellbeing and improving educational outcomes in schools today. In an era of fleeting buzzwords and cursory claims to being "the next big thing", this is a rare opportunity to take insight from a journey spanning seven years of research and development into how young people learn. Focusing on enhancing human learning rather than replacing it with machine learning. Join the mission to improve the life opportunities for over 5 million learners by 2030.

25/01/2019 | 11:00–11:30

Digital transformation at Curro Schools

SPONSORED BY: Microsoft
SPEAKERS: Angela Schaerer, Head of Curriculum Technology, Curro

Curro Holdings is a network of almost 139 independent schools across 57 campuses in Southern Africa, from rural schools in low income areas through to city schools in higher income regions. Curro Schools have undergone a transformational journey in using technology to improve administration and management of schools, as well as enabling progressive teaching and learning approaches. Curro aims to offer a consistently high quality of education – technology has played a key role in enabling this. Management, educators and learners across schools are connected and are able to communicate, collaborate and share through the utilisation of Microsoft Office 365 and Teams.

25/01/2019 | 11:45–12:15

Augmented Reality in education

THEMES: 21 Century Skills/ Inspiration/ Teaching Tech/ Pedagogy
SPONSORED BY: Albion Computers PLC
SPEAKERS: Abdul Chohan, Co-Founder and Chair of The Olive Tree School, The Olive Tree School

Abdul will share how augmented reality can be used as an effective tool for developing student literacy. He will showcase how exemplar writing and story-telling apps that leverage augmented reality ignite creativity and student imagination, driving deeper engagement in the classroom.

25/01/2019 | 12:30–13:00

Artificial Intelligence for real classrooms

THEMES: Inspiration/ Teaching Tech/ Institute Tech
SPONSORED BY: Lenovo
SPEAKERS: Rich Henderson, Director Global Education Solutions, Lenovo

New devices and applications in education saw significant growth in the 2017–2018 school year. Virtual and Augmented Reality, Digital Portfolios, Voice Assistants, and Artificial Intelligence introduce new dynamics in classroom management and technology integration, but also a rich context of how technology can drive engagement and purpose. Join this session to discuss in depth the real world impact and future opportunities of Artificial Intelligence with discussion around the challenges of classroom implementation today.

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25/01/2019

Todays sessions are hosted by John Hayes

Headteacher, Gospel Oak Primary School - UK

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25/01/2019 | 13:15–13:45

Improving learning efficiencies and student outcomes with Artificial Intelligence – a case study from China

SPONSORED BY: Squirrel AI Learning
SPEAKERS: Richard Tong, Chief Architect and General Manager, US Operations, Shanghai Yixue Educational Technology Co., Ltd.

In this session, you will discover how Artificial Intelligence is being used throughout k-12 schools in China, and the impact it is having on learning outcomes for over 1 million students. No longer is Artificial Intelligence a technology of the future, and this session will highlight how the technology is helping to improve learning efficiencies and enhance outcomes of students across China right now.

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25/01/2019 | 14:00–14:30

Creativity in the classroom

THEMES: 21 Century Skills/ Teaching Tech/ Pedagogy
SPONSORED BY: Albion Computers PLC
SPEAKERS: Rory McGrath, Interim Headteacher, Shacklewell Primary School

Rory will talk about the strategies and tools that his school has employed to bring creativity into every subject across the primary curriculum. Using Apple's new Everyone Can Create project guides and teaching materials, Shacklewell Primary School are teaching students to develop and communicate their ideas using music, video, photography and drawing. Creative expression has enabled students to deepen their understanding and reinforce their learning across subject areas. The materials have enriched their already well-established iPad programme by allowing pupils and staff to use the in-built tools on iPad in new and exciting ways.

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25/01/2019 | 14:45–15:15

Measuring the Impact of Emerging Technologies in Education

THEMES: Teaching Tech
SPONSORED BY: Pearson
SPEAKERS: Emily Lai, VP Impact Evaluation, Pearson. Karine George, Former Headteacher; Education Consultant.

Understanding the benefits and drawbacks of emerging technologies is critical if we are to effectively integrate these technologies into learning and teaching settings to the benefit of learners and teachers. Educators, learners, parents, and policymakers alike, therefore, need reliable methodologies for evaluating the effectiveness of such emerging technologies. However, impact evaluations of technology in education are challenging. This challenge is more significant for emerging technologies, as change is the essence of emerging educational technologies. The panel will initially present their provocations addressing the issue of impact evaluations of educational technologies, which will be followed by a discussion session inviting questions from the audience with answers from, and interactions between, panel members.

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25/01/2019 | 15:30–16:00

Fake News: How can technology help separate fact from fiction?

THEMES: 21 Century Skills
SPONSORED BY: With
SPEAKERS: Debbie Zaman, PR & marketing expert and CEO, With

In 2018 discussions over misinformation and 'fake news' continued to polarise opinion; while media censorship in Trump's press conferences caused concern for many, tech giants like Facebook outlined the steps being taken to combat 'fake news' to reassure its users. As such, fresh interest has developed in news literacy and how educators and technology companies can best inform and prepare students to be able to separate fact from fiction and navigate increasingly subjective media environments. Many teachers already facilitate lessons to build critical thinking skills; from finding credible sources and making sound arguments to employing technologies and techniques for teaching and enhancing media literacy. A panel of experts will take this one step further, exploring the impact of 'fake news' on students today, examining the role of tech and social media in supporting the development of these skills in the classroom, and considering the challenges that educators should anticipate in 2019.

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26/01/2019 | 10:30–11:30

Sleep and wellbeing: SATS

SPONSORED BY: Performance Learning
SPEAKERS: Tej Samani, Founder, My Performance Learning

Tools the students will unlock in their sleep and wellbeing workshop: How to wake up feeling refreshed, positive and energised for the day ahead They will create a sleep-diary that will boost their productivity across all subjects They will see a change in their school performance across all subjects in just two-weeks as a result of feeling more alert The students will become healthier and happier versions of themselves - even during exam season! They will learn how to finish their workload without sacrificing their sleep or health – and with time to spare! Register to attend at http://myperformancelearning.com/bett-school/

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26/01/2019 | 11:30–12:30

Diffusing stress and nerves: SATS

SPONSORED BY: Performance Learning
SPEAKERS: TBC

Tools the students will unlock in their diffusing stress and nerves workshop: They will learn how to deal with nerves, stress and anxiety in a healthy way They will become aware of the things that stress them out and learn how to take back control The students will discover how stressful times can be used to their advantage and how it can boost their productivity and grades The student will master how to plan effectively for times of stress so they are well prepared for situations that may trigger this They will be able to create the perfect work-break balance that caters to their individual needs, to reduce the risk of panic and anxiety Register to attend at http://myperformancelearning.com/bett-school/

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26/01/2019 | 12:30–13:30

Mastering the art of retention: SATS

SPONSORED BY: Performance Learning
SPEAKERS: TBC

Tools the students will unlock in the mastering the art of memory workshop: They will eliminate the risk of forgetting information by learning the correct way to retain everything they need without sacrificing their sleep The students will learn how to store maths and science equations, history dates and geographical knowledge in an easily accessible way They will discover how to filter unnecessary information that takes up valuable space so they are only keeping what is relevant and not cramming The students will discover how to organise information in compartments so that they reduce the risk of blanking in exams Register to attend at http://myperformancelearning.com/bett-school/

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26/01/2019 | 13:30–14:30

Time management: SATS

SPONSORED BY: Performance Learning
SPEAKERS: TBC

Tools the students will unlock in the Time management workshop: They will learn how to create an effective timetable which is tailored to their individual needs and potential The students will discover how to create the perfect, guilt-free work and break schedule They will master how to make effective notes that they will actually remember in their exams The students will increase their chance of success across all subjects in just a month with useful tips on how to structure their workload They will learn how to get all their work done without sacrificing their sleep or health Register to attend at http://myperformancelearning.com/bett-school/